



PATENT

Case Docket No. SANWA1.001AUS  
Date: June 29, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Ishiwa et al.  
App. No. : 09/779,691  
Filed : February 7, 2001  
For : MULTILAYER CIRCUIT  
BOARD  
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

June 29, 2001

(Date)

Thomas R. Arno, Reg. No. 40,490

TRANSMITTAL LETTER

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

ATTENTION: BOX MISSING PARTS

Dear Sir:

In response to the Notice to File Missing Parts of Application Under 37 CFR 1.53(f), which was mailed by the Office on June 6, 2001, enclosed are:

- (X) A Declaration and Power of Attorney.
- (X) A Verified English Translation of the application.
- (X) A Notice to File Missing Parts.
- (X) Return prepaid postcard.
- (X) Fees as calculated below:

FILING FEE


\$ 710

PATENT

Case Docket No. SANWA1.001AUS  
Date: June 29, 2001

|  |        |          |
|--|--------|----------|
| FEE FOR EXTENSION OF TIME (LARGE ENTITY) | months | \$       |
| SURCHARGE 37 CFR 1.16(e)                 |        | \$ + 130 |
| SURCHARGE 37 CFR 1.17(i)                 |        | \$ + 130 |
| TOTAL OF ABOVE CALCULATIONS              |        | \$970    |
| TOTAL FEES SUBMITTED HEREWITH            |        | \$970    |

- (X) A check in the amount of \$970 to cover the above fees is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment, to Account No. 11-1410.

  
Thomas R. Arno  
Registration No. 40,490  
Attorney of Record

S:\DOCS\HZC\HZC-1277.DOC 062701



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Atty. Docket No. : SANWA1.001AUS  
Applicant(s) : Ishiwa et al.  
U.S. Serial No. :  
Filed : February 7, 2001  
Title : MULTILAYER CIRCUIT BOARD

**VERIFICATION OF A TRANSLATION**

I, the undersigned translator, hereby declare that :

My name and post office address are as stated below;

That I am knowledgeable in Japanese language in which the above identified U.S. Patent Application was filed, and that, to the best of my knowledge and belief, the attached English translation from the Japanese language is a true and exact translation of the original Japanese text of the above identified application as filed.

And I make this solemn declaration conscientiously believing the statements contained in this declaration to be true in every particular.

I hereby declare that all the statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the patent application or any patent issued thereon.

Dated this 7th day of March, 2001, at Tokyo, Japan

Full name of the translator :

Gen OGAWA

Post Office Address :

SANWA INTERNATIONAL PATENT OFFICE,  
Syuwa No. 2 Tranomon Bldg.,  
21-19, Toranomon 1-chome, Minato-ku, Tokyo,  
105-0001 JAPAN

0977964 07091  
T06020 T05020



Secford

## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/779,691         | 02/07/2001          | Masayuki Ishiwa       | SANWA1.001AUS          |

CONFIRMATION NO. 6764

20995  
KNOBBE MARTENS OLSON & BEAR LLP  
620 NEWPORT CENTER DRIVE  
SIXTEENTH FLOOR  
NEWPORT BEACH, CA 92660

## FORMALITIES LETTER



\*OC000000066152152\*

Date Mailed: 06/06/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- **The balance due by applicant is \$ 970.**

07/09/2001 AWONDAF1 00000139 09779691

|           |           |
|-----------|-----------|
| 01 FC:101 | 710.00 OP |
| 02 FC:105 | 130.00 OP |
| 03 FC:139 | 130.00 OP |

*A copy of this notice **MUST** be returned with the reply.*Seble  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

| Year       | 1950      | 1951      | 1952      | 1953      | 1954      | 1955      | 1956      | 1957      | 1958      | 1959      | 1960      | 1961      | 1962      | 1963      | 1964      | 1965      | 1966      | 1967      | 1968      | 1969      | 1970      | 1971      | 1972      | 1973      | 1974      | 1975      | 1976      | 1977      | 1978      | 1979      | 1980      | 1981      | 1982      | 1983      | 1984      | 1985      | 1986      | 1987      | 1988      | 1989      | 1990      | 1991      | 1992      | 1993      | 1994      | 1995      | 1996      | 1997      | 1998      | 1999      | 2000      | 2001      | 2002      | 2003      | 2004      | 2005      | 2006      | 2007      | 2008      | 2009      | 2010      | 2011      | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019      | 2020      | 2021      | 2022      | 2023      | 2024      | 2025      | 2026      | 2027      | 2028      | 2029      | 2030      | 2031      | 2032      | 2033      | 2034      | 2035      | 2036      | 2037      | 2038      | 2039      | 2040      | 2041      | 2042      | 2043      | 2044      | 2045      | 2046      | 2047      | 2048      | 2049      | 2050      | 2051      | 2052      | 2053      | 2054      | 2055      | 2056      | 2057      | 2058      | 2059      | 2060      | 2061      | 2062      | 2063      | 2064      | 2065      | 2066      | 2067      | 2068      | 2069      | 2070      | 2071      | 2072      | 2073      | 2074      | 2075      | 2076      | 2077      | 2078      | 2079      | 2080      | 2081      | 2082      | 2083      | 2084      | 2085      | 2086      | 2087      | 2088      | 2089      | 2090      | 2091      | 2092      | 2093      | 2094      | 2095      | 2096      | 2097      | 2098      | 2099      | 2100      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Population | 1,000,000 | 1,050,000 | 1,100,000 | 1,150,000 | 1,200,000 | 1,250,000 | 1,300,000 | 1,350,000 | 1,400,000 | 1,450,000 | 1,500,000 | 1,550,000 | 1,600,000 | 1,650,000 | 1,700,000 | 1,750,000 | 1,800,000 | 1,850,000 | 1,900,000 | 1,950,000 | 2,000,000 | 2,050,000 | 2,100,000 | 2,150,000 | 2,200,000 | 2,250,000 | 2,300,000 | 2,350,000 | 2,400,000 | 2,450,000 | 2,500,000 | 2,550,000 | 2,600,000 | 2,650,000 | 2,700,000 | 2,750,000 | 2,800,000 | 2,850,000 | 2,900,000 | 2,950,000 | 3,000,000 | 3,050,000 | 3,100,000 | 3,150,000 | 3,200,000 | 3,250,000 | 3,300,000 | 3,350,000 | 3,400,000 | 3,450,000 | 3,500,000 | 3,550,000 | 3,600,000 | 3,650,000 | 3,700,000 | 3,750,000 | 3,800,000 | 3,850,000 | 3,900,000 | 3,950,000 | 4,000,000 | 4,050,000 | 4,100,000 | 4,150,000 | 4,200,000 | 4,250,000 | 4,300,000 | 4,350,000 | 4,400,000 | 4,450,000 | 4,500,000 | 4,550,000 | 4,600,000 | 4,650,000 | 4,700,000 | 4,750,000 | 4,800,000 | 4,850,000 | 4,900,000 | 4,950,000 | 5,000,000 | 5,050,000 | 5,100,000 | 5,150,000 | 5,200,000 | 5,250,000 | 5,300,000 | 5,350,000 | 5,400,000 | 5,450,000 | 5,500,000 | 5,550,000 | 5,600,000 | 5,650,000 | 5,700,000 | 5,750,000 | 5,800,000 | 5,850,000 | 5,900,000 | 5,950,000 | 6,000,000 | 6,050,000 | 6,100,000 | 6,150,000 | 6,200,000 | 6,250,000 | 6,300,000 | 6,350,000 | 6,400,000 | 6,450,000 | 6,500,000 | 6,550,000 | 6,600,000 | 6,650,000 | 6,700,000 | 6,750,000 | 6,800,000 | 6,850,000 | 6,900,000 | 6,950,000 | 7,000,000 | 7,050,000 | 7,100,000 | 7,150,000 | 7,200,000 | 7,250,000 | 7,300,000 | 7,350,000 | 7,400,000 | 7,450,000 | 7,500,000 | 7,550,000 | 7,600,000 | 7,650,000 | 7,700,000 | 7,750,000 | 7,800,000 | 7,850,000 | 7,900,000 | 7,950,000 | 8,000,000 | 8,050,000 | 8,100,000 | 8,150,000 | 8,200,000 | 8,250,000 | 8,300,000 | 8,350,000 | 8,400,000 | 8,450,000 | 8,500,000 | 8,550,000 | 8,600,000 | 8,650,000 | 8,700,000 | 8,750,000 | 8,800,000 | 8,850,000 | 8,900,000 | 8,950,000 | 9,000,000 | 9,050,000 | 9,100,000 | 9,150,000 | 9,200,000 | 9,250,000 | 9,300,000 | 9,350,000 | 9,400,000 | 9,450,000 |